

CLIMATOLOGICAL DATA FOR JUNE, 1913.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Moderate temperatures prevailed generally, except that from the 1st to 5th and 24th to 30th maximum temperatures were above 100° in many localities. The precipitation was generally light, except in the more elevated portions of the Colorado and New Mexico areas, but it was well distributed throughout the month. Snow, ranging from a trace to 13 inches, occurred in the mountains of Colorado.

The following table summarizes the chief features of meteorological interest in the various portions of the district:

States and portions of States lying within District No. 7.	Mean temperature.	Departure from the normal.	Mean precipitation.	Departure from the normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days.			
							With 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.
Colorado.....	59.4	-0.7	2.94	+1.08	2.13	1.9	11	13	10	7
New Mexico.....	65.5	-3.6	5.04	+4.60	5.00	0	11	9	13	8
Texas.....	74.0	-1.5	2.61	-0.78	3.60	0	6	13	9	8
Kansas.....	74.5	+0.9	2.29	-1.90	3.25	0	7	12	13	5
Oklahoma.....	76.0	+0.2	2.62	-1.44	2.55	0	7	12	11	7
Missouri.....	75.6	+2.7	2.36	-2.38	3.05	0	5	20	7	3
Tennessee.....	77.8	+1.7	1.60	-2.54	3.09	0	4	22	5	3
Arkansas.....	77.0	+0.9	1.68	-2.53	4.93	0	4	16	11	3
Mississippi.....	77.9	-0.4	1.98	-2.01	3.25	0	5	20	7	3
Louisiana.....	78.4	-1.5	3.72	-1.56	4.30	0	8	14	7	9

TEMPERATURE.

Mean temperatures were 0.2° to 3.6° above the normal, except in Louisiana, the Colorado, New Mexico, and Texas areas, and parts of Arkansas, Oklahoma, and the western portion of the Kansas area, where there was a deficiency of 0.2° to 6.4°. Maximum temperatures of 100° or higher were reported from one or more stations in all States or parts of States in the district, except in the New Mexico area, where the highest reading was 98°. Minimum temperatures were generally below 50°, except in the southeastern portion, where they were between 50° and 60°. The highest temperature recorded, 106°, occurred at Coolidge, Kans., and at Cloudchief and Newkirk, Okla. Maximum readings of 104° were recorded in the Colorado, Missouri, and Tennessee areas. The lowest temperature recorded, 22°, occurred at Westcliffe, Colo., and a minimum reading of 26° was reported from Elizabethtown, N. Mex.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—The precipitation was above the normal over the upper and below the normal over the lower portions of this drainage area. In Colorado the average from 36 stations was 2.92 inches, being about 1.1 inches above the normal. Over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, the average from 44 stations was 2.26 inches,

the deficiency being 1.8 inches. In New Mexico the average from 39 stations in the Canadian Valley was 4.77 inches, about 2.1 inches above the normal. Over those portions of the Canadian Valley that lie in Texas and Oklahoma the average from 21 stations was 2.08 inches, about 1.5 inches below the normal. The amounts from 19 stations in the Cimarron Valley averaged 3.17 inches, about 0.2 inch above the normal. Over the Verdigris Valley the precipitation was light, the average from 9 stations being 1.47 inches, about 3.3 inches below the normal. Over the Neosho Valley the average from 18 stations was 2.01 inches, about 3 inches below the normal. Below the Oklahoma-Arkansas line the precipitation from 14 stations in the Arkansas Valley proper averaged 1.46 inches, about 2.4 inches below the normal amount.

Red River and tributaries.—The precipitation was unevenly distributed over this drainage area. The average from 51 stations in those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma was 3.64 inches, about 1 inch below the normal. Below the Texas-Arkansas line the average from 19 stations in the Red River Valley was 2.46 inches, about 1.9 inches below the normal.

Mississippi River south of St. Louis and small tributaries.—The precipitation was generally light for this season of the year over this drainage area. In the immediate Mississippi Valley the average from 40 stations was 2.14 inches, about 2.4 inches below the normal. The average from 23 stations in the Valley of the White was 1.50 inches, about 2.9 inches below the normal. Over the Yazoo Valley the average from 24 stations was 1.54 inches, about 2.4 inches below the normal. In the Valley of the Big Black the average was 3.37 inches, about 1.8 inches below the normal. In the Ouachita Valley the average from 17 stations was 2.99 inches, about 1.1 inches below the normal.

Louisiana coastal plain.—The precipitation was less than the normal over this drainage area, except at a few scattered stations, the average from 36 stations being 4.26 inches, about 1.5 inches below the normal.

RIVERS.

No material changes occurred in the stages of streams in Oklahoma.

The average stage in the Arkansas River at Little Rock was 2.3 feet, which is 9.3 feet below the normal June stage, being too low for navigation except on 4 days.

The White River was at a low stage throughout the month.

No material changes occurred in the stages of the Red River.

The Ouachita fell steadily during the month, and was 4.5 feet at Camden and 6 feet at Monroe on June 30.

There was a slight rise in the Mississippi River below Vicksburg early in the month, after which there was a steady fall.

TABLE 1.—Climatological data for June, 1913. District No. 7, Lower Mississippi Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unsealed.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Buena Vista.	Chaffee.	7,955	13	55.0	-0.2	80	15	33	27	42	1.17	+0.73	0.55	0	6	15	6	9	s.	C. A. Short.
Calhan.	El Paso.	6,700	6	61.4	-	87	26	41	67	38*	1.55	-	0.40	0	12	18*	9*	2*	se.	H. B. Rice.
Canon City.	Fremont.	5,343	25	67.4	-1.6	94	27	45	2	42	2.14	+1.17	1.02	0	11	18	9	3	n.	U. S. Weather Bureau.
Colorado Springs.	El Paso.	6,098	33	61.0	-2.4	85	26	43	10	35	1.84	-0.03	0.68	0	14	7	17	6	se.	Colorado College.
Cripple Creek.	Teller.	9,396	12								2.25	+0.42	0.82	T.	10					F. G. Willis.
Cuchara Camps.	Huerfano.	8,200	4								2.08		0.88	0	8	21	6	3	sw.	George A. Mayes.
Eads.	Kiowa.	4,209	6	77.8		104	28	55	10	25	2.30		1.00	0	6	23	3	4	w.	Mrs. Mattie A. Kerr.
Fairview.	Custer.	9,500	4								5.32		1.50	0	7	18	8	2	e.	Elizabeth L. Grey.
Fremont Exper. Sta.	El Paso.	8,850	3	51.4		74	26†	34	8	30	3.91		1.40	0	17	9	13	8	w.	U. S. Forest Service.
Garfield.	Chaffee.	9,510	3								3.51		0.76	T.	16	15	9	6	w.	Lloyd N. Felton.
Hamps.	Elbert.	5,400	20	62.2	-0.4	89	26	37	13	42	1.23	-0.57	0.50	0	7	14	7	9	s.	W. Hamp.
Hermit Lake.	Custer.	10,000	3								5.87		0.70	0	20	6	13	11	sw.	John E. Graham.
Hoechne (near).	Las Animas.	5,700	21	66.6	+0.1	91	26	43	7†	40	2.58	+1.36	1.51	0	9	17	8	5	sw.	S. W. De Busk.
Holly.	Prowers.	3,380	18	72.4	+0.7	99	25	46	9	46	3.35	+1.17	1.53	0	6	24	3	3	s.	Holly Sugar Co.
La Junta.	Otero.										3.38		1.82	0	11	10	19	1	s.	
Lake Moraine.	El Paso.	10,265	19	49.0	-0.6	68	15†	31	10†	32	3.31	+0.94	0.63	T.	17	8	13	9	sw.	Clyde C. McReynolds.
Lamar.	Prowers.	3,592	23	72.2	-1.1	102	26	46	9	44	2.90	+0.96	1.28	0	9	24	5	1	s.	J. T. Lawless.
Las Animas.	Bent.	3,899	45								2.06		0.92	0	11	2	18	10	w.	American Beet Sugar Co.
La Veta Pass.	Costilla.	9,000	3								3.47	+0.37	0.49	T.	11	6	17	7	s.	Clara M. Wright.
Leadville.	Lake.	10,248	17	49.1	-0.4	73	27	28	12	40	1.32	+0.37	1.50	0	6	11	6	5	s.	U. S. Weather Bureau.
Limon (near).	Elbert.	5,360	6	63.4		94	27	36	8†	44	1.50		0.91	0	6	11	4	5	s.	F. L. Palmer.
Madrid.	Las Animas.	6,361	3								4.10		2.13	0	14	10	12	8	s.	Thomas Sawers.
Marshall Pass.	Saguache.	10,846	10								2.06	+0.86	0.78	13.0	6	10	12	8	s.	W. L. Williams.
Maxey.	Baca.										3.55		1.05	0	6	18	4	8	s.	L. H. Alberti.
Monument.	El Paso.	7,200	2								4.87	+3.14	1.23	0	15	18	7	5	nw.	U. S. Forest Service.
North Lake.	Las Animas.	8,700	21								0.66	-0.81	0.38	0	7	8	18	4	se.	James W. Ingmire.
Pueblo.	Pueblo.	4,734	25	68.8	-0.2	96	26	49	10	39	3.45	+1.15	1.75	0	13	2	20	8	e.	U. S. Weather Bureau.
Rocky Ford (near).	Otero.	4,177	24	69.6	-0.5	95	26	43	13	40	2.87	+1.61	1.18	0	6	19	7	5	sw.	P. K. Bunn.
St. Elmo.	Chaffee.	9,500	4								2.77		0.60	T.	14	10	9	11	w.	Daniel Clark.
Salida.		7,035	14	59.4	-0.7	84	27	36	14	44	4.48	+3.34	0.86	0	10	18	8	4	w.	M. D. L. Buell.
Santa Clara.	Huerfano.	8,252	18								5.88		1.10	0	16	8	5	17	w.	Lincoln G. Morris.
Sheridan Lake.	Kiowa.	4,065	11								3.45	+1.15	1.75	0	13	2	20	8	sw.	Howard Gamble.
Stonewall.	Las Animas.	8,000	7								3.45	+1.15	1.75	0	13	2	20	8	s.	G. A. Storz.
Trinidad.	Mora.	5,994	17	64.8	-1.3	87	15†	45	8†	36	3.45	+1.15	1.75	0	13	2	20	8	sw.	Walter Dearden.
Two Buttes.	Two Buttes Reservoir.	4,100	2	69.1		98	26	42	10	43	3.76		1.04	0	8	16	9	4	w.	N. G. Jones.
Two Buttes Reservoir.	Victor.	4,250									2.81		0.82	0	8	17	9	4	w.	Fred Jones.
Villas.	Baca.	10,100	9	51.6		73	26	31	11†	30	3.35		0.77	T.	11	9	17	4	w.	Miss Esther Caldwell.
Westcliffe.	Custer.	7,864	19	54.0	-0.9	82	15	22	7	53	4.03	+2.60	1.45	0	13	7	10	13	w.	U. S. Forest Service.
Winfield.	Chaffee.	9,765	3								2.31		4.43	0	13	9	12	9	s.	John G. Payne.
Woodman Sanatorium.	El Paso.	6,212	2	61.1		86	27	41	10	37	2.40		0.82	0	12	9	15	6	se.	Woodman Sanatorium.
Wortman.	Lake.	11,250	12								1.10		0.33	0	10	18	7	5	se.	Mrs. Lillie Wortman.
Yoder.	El Paso.																		J. E. Bingham.	
New Mexico.																				
Abbott.	Mora.	5,771	4								5.69		1.50	0	13	8	16	6	s.	Agent E. P. & S. W. R. R.
Albert.	Union.	4,700	23	69.4	-3.7	94	26	49	3	37	6.57	+4.46	1.99	0	14	8	13	9	w.	Martin De Smet.
Aurora.	Colfax.	8,849	4								8.76		3.80	0	22	0	23	7	sw.	Miss J. Lucero.
Bell Ranch.	San Miguel.	4,500	14	70.6		95	26	52	3	37	4.00	+2.03	1.69	0	11	13	11	6	sw.	C. M. O'Donel.
Black Lake.	Colfax.	8,348	4								4.65		3.25	0	11	2	23	5	se.	Ralph T. Martinez.
Cabeza.	San Miguel.	5,406	4								6.12		2.15	0	13	3	17	10	sw.	Agent E. P. & S. W. R. R.
Campana.	Chacon.	4,493	4	71.2		98	15	52	4†	36	3.22		0.82	0	10	12	12	6	sw.	Do.
Chacon.	Mora.	9,000	4								5.34		1.98	0	9	11	17	2	w.	Alfred Lucero.
Cimarron (near).	Colfax.	6,385	9	61.6		87	26	40	13	39	5.20		2.60	0	15	6	16	8	s.	Capt. William French.
Clayton.	Union.	5,178	8	66.1		92	26	44	12	38	3.48		1.71	0	11	7	18	5	sw.	Dr. N. C. Charlton.
Clovis.	Curry.	4,129	2	67.0		97	26	53	9	35	3.39		2.80	0	12	19	0	11	sw.	John H. Barry.
Cuervo.	Guadalupe.	4,849	4	72.4		95	26†	52	10	36	2.95		0.95	0	9	10	2	18	sw.	Agent E. P. & S. W. R. R.
Dawson.	Colfax.	6,396	4	64.2		92	26	42	1†	42	3.31		4.43	0	13	9	12	9	s.	Do.
Elizabethtown.	Elbert.	8,465	8	53.0		79	15	26	30	51	2.56		0.57	0	12	6	19	5	w.	Miss M. Carrington.
Folsom.	Union.	6,399	13	63.4	-0.7	86	27†	43	2†	43	3.26	+1.26	1.20	0	10	6	16	8	sw.	David Rose.
Fort Union.	Mora.	6,835	54	58.9	-6.3	81	25	37	12	38	11.64	+9.19	2.63	0	15	14	11	5	sw.	M. C. Needham.
Hayden.	Union.	4,444	3	71.6		93	26	49	10	34	2.65		0.57	0	10	13	8	10	s.	J. A. Bauer.
Hoosier Ranch.	Mora.	6,722	4	59.6		81	26	39	2	39	5.17		2.03	0	11	12	13	5	sw.	W. H. Guthman.
Johnsons Park.	Colfax.	5,784	1								3.91		1.13	0	16	7	17	6	sw.	A. J. Meloche, jr.
Johnsons Ranch.	Mora.	4,010	2								4.09		1.24	0	11	6	19	5	sw.	J. W. Johnson.
Kappus.	Quay.	7,160	4								3.11		0.96	0	6					Louis O'Brien.
Lake Alice.	Colfax.	3,851	7	72.6		96	15†	47	7	41	4.78		1.32	0	7					Jesse Rickman.
Logan.	Quay.	5,000	3								2.48		0	3	19	8	3	se.	John B. Renau.	
Lykins (near).	Roosevelt.	5,894	6								7.89		4.09	0	11	17	9	4	se.	J. G. Buchanan.
Maxwell (near).	Colfax.	5,894	6								5.86		1.39	0	15					Dan N. Jackson.
Melrose.	Curry.	4,100	5								8.24		4.44	0	11					Dr. B. M. Porter.
Miami Ranch.	Colfax.	6,000	5	62.6		87	26	39	5											

TABLE 1.—Climatological data for June, 1913. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.			Lowest.			Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
						Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.							
<i>Texas.</i>																							
Amarillo.	Potter.	3,676	21	70.2	-1.8	93	2	51	10	34	2.32	-0.67	0.76	0	14	17	8	5	sw.	U. S. Weather Bureau.			
Archer City.	Archer.	2									3.22	0.74	1.17	0	12	12	6	6	s.	Charles H. Thuman.			
Arthur City.	Lamar.	590	21								3.94	-0.77	1.23	0	5	15	4	11	s.	C. A. Lowrey.			
Bonham.	Fannin.	566	9	78.8		100	2	55	12†	33	4.01		1.23	0	8	17	4	9	s.	H. M. Norman.			
Canadian.	Hemphill.	2,339	6	75.0		99	25	41	9	34	3.25		1.85	0	12				s.	R. M. Hibbard.			
Childress.	Childress.	1,369	20								4.89	+ 2.11	2.20	0	6	5†	12†	12†	s.	George Baker.			
Chillicothe.	Hardeman.	1,406	5								1.84		0.65	0	9				s.	C. W. Underwood.			
Clarendon.	Donley.	2,719	8	73.5		99	6	52	9	37	3.60		3.60	0	11	4	15	11	se.	Whitfield Carhart.			
Clarksville.	Red River.	442	13	78.2*	-1.6	100	2	54	12	32	2.05	-3.03	1.75	0	2	14	12	4	s.	J. W. O'Neill.			
Claude.	Armstrong.	3,297	10								T.	-1.95	T.	0	0				s.	Pt. W. & D. C. Ry.			
Dalhart.	Dallam.	3,998	8	71.0		97	26	49	10†	37	1.29		0.54	0	6	14	0	16	sw.	W. D. Griggs.			
Denison.	Grayson.	13									2.10	-1.61	1.40	0	6	8	1	21	s.	J. L. Wilson.			
Finley.	Bowie.	3									0.40		0.40	0	1	26	0	4	s.	Robert L. Smith.			
Henrietta.	Clay.	915	21	78.8	-0.9	102	1†	57	12	35	2.64	-0.88	0.90	0	8	12	11	7	s.	C. K. Brown.			
Jefferson.	Marion.										0.60		0.50	0	2	25	1	4	se.	J. C. Kistenmacher.			
Memphis.	Hall.	2,067	8			99	1†				4.12		2.50	0	4	23	0	7	sw.	Pt. W. & D. C. Ry.			
Miami.	Roberts.	2,743	10	75.0		98	24†	52	10	34	3.94	+ 0.93	2.90	0	10	9	16	5	s.	J. E. Kinney.			
Ochiltree.	Ochiltree.	10									1.97	-1.08	0.91	0	4				s.	S. J. Allen.			
Panhandle.	Carson.	3,450	4								1.05		1.00	0	3	8	14	8	s.	J. Sid O'Keefe.			
Paris.	Lamar.	592	24	77.8	-0.9	98	2	53	12	35	1.62	-1.85	0.65	0	9	12	9	9	s.	Robert A. Miller.			
Plemons.	Hutchinson.	6	73.0			101	25	49	9	37	1.79		0.49	0	8	13	10	7	se.	C. S. Solomon.			
Quanah.	Hardeman.	1,563	11	76.8	-3.1	101	1	56	9†	34	1.24	-2.71	0.42	0	5	13	0	17	s.	William H. Crawford.			
Ringo Crossing.	Hopkins.	3									3.75		1.60	0	5	14	10	6	s.	H. J. Palmer.			
Romero.	Hartley.	4,056	3	70.2		96	26	47	12	33	2.33		0.90	0	7	15	10	5	s.	R. S. Chamberlain.			
Sherman.	Grayson.	745	20	79.4	+ 0.4	98	1	58	10†	30	1.20	-2.59	0.65	0	3	12	8	10	s.	R. A. Gibbs.			
Stratford.	Sherman.	3,699	1	71.2		98	26	48	10	36	1.48		0.62	0	6	5	18	7	s.	J. W. Elliott.			
Tulla.	Swisher.	3,501	15	71.5	-2.6	97	1	52	9	40	1.18	+ 1.50	1.51	0	12	6	17	7	se.	Lou Mulhall.			
Wellington.	Collingsworth.	1									4.32		2.00	0	5				s.	J. D. Camp.			
Wichita Falls.	Wichita.	958	21								2.70	-1.08	0.70	0	6				s.	J. C. Mytinger.			
Winfield.	Titus.	3									4.21		1.50	0	8	13	14	3	s.	J. B. Newberry.			
<i>Kansas.</i>																							
Alden.	Rice.	1,684	3	74.3		97	26	48	8†	30	3.17		1.18	0	12	16	8	6	s.	Geo. Klady.			
Anthony.	Harper.	1,329	16	76.7		100	27	50	8	39	1.47	-1.65	0.71	0	9	5	19	6	sw.	R. H. Beebe.			
Ashland.	Clark.	1,951	25	74.7	-0.5	98	1†	49	9	37	4.65	+ 1.11	1.78	0	12	9	16	5	se.	C. W. Carson.			
Burlington.	Coffey.	1,010	20	75.4	+ 1.6	100	1†	45	11†	41	4.08	-1.29	1.91	0	5	6	21	3	s.	O. E. Sanford.			
Chanute.	Neosho.	940	9	76.8		97	27	48	12	36	0.57		0.42	0	4	8	18	4	s.	C. W. Brown.			
Cimarron.	Gray.	2,700	1	71.8		100	25	47	9†	31	3.51		0.97	0	10	16*	9*	4*	s.	C. C. Isely.			
Coffeyville.	Montgomery.	747	3	76.4		96	1†	50	11†	36	1.23		0.60	0	5	14	16	0	s.	A. F. Briggs.			
Coldwater.	Comanche.	2,090	16	73.3	-1.5	96	1	48	9	28	4.47	+ 1.01	1.69	0	10	10	14	6	s.	J. L. Stanley.			
Columbus.	Cherokee.	898	23																s.	O. E. Skinner.			
Coolidge.	Hamilton.	3,348	16	71.8	-0.3	108	26	49	8	33	3.46	+ 1.25	1.17	0	7	6	19	5	se.	W. R. Padley.			
Cottonwood Falls.	Chase.	1,234	9	74.8		99	27	45	12	36	2.09		1.05	0	6	15	10	5	s.	E. B. Greene.			
Council Grove.	Morris.	1,234	4	74.8		98	15	47	11	33	2.32		1.41	0	9	12	13	5	sw.	J. P. Blackledge.			
Cunningham.	Kingman.	1,680	29	73.9	-1.0	94	25†	48	8	30	4.45	+ 0.73	1.06	0	11	7	16	7	s.	W. H. Morton.			
Dodge City.	Ford.	2,513	39	72.5	-0.6	100	25	48	9	30	2.02	-1.30	1.19	0	12	10	15	5	se.	U. S. Weather Bureau.			
Eldorado.	Butler.	1,291	11	75.4		96	27	50	8†	35	1.69		0.55	0	9	13	12	5	s.	W. Y. Miller.			
Ellinwood.	Barton.	1,790	33	74.6	+ 1.7	97	26	48	8	33	4.91	+ 0.83	3.25	0	11	4	21	5	s.	Martin Musil.			
Emporia.	Lyon.	1,138	32	74.0	+ 0.4	98	27	46	10	36	1.13	-3.07	0.99	0	13	18	8	4	s.	W. H. Boyles.			
Eureka.	Greenwood.	1,079	17	74.4		99	27	40	10	40	1.31		3.29	0	7	13	14	3	se.	Mrs. T. C. Peifer.			
Fall River.	do.	925	17	75.8	+ 3.2	99	26	40	12	40	0.25	-5.09	0.20	0	2	19*	6*	2*	s.	J. McDaniel.			
Fargo.	Seward.	3									1.46		0.64	0	6	4	21	5	s.	N. B. Swink.			
Frederia.	Wilson.	975	10	76.2		98	21	49	11	32	0.99		0.55	0	7	14	6	10	s.	B. W. Holmes.			
Garden City.	Finney.	2,836	24	73.0	-0.2	102	25	47	9	43	3.28		0.10	0	10	10	14	6	s.	B. F. Stocks.			
Greensburg.	Kiowa.	2,235	6	73.3		98	26	46	10	35	1.54		0.26	0	10	19*	2*	6*	s.	C. C. Raymond.			
Grenola.	Elk.	1,116	25	74.6	+ 1.0	98	27	44	12	39	2.15	-2.63	1.23	0	6	9	14	7	sw.	W. H. Lawyer.			
Howard.	do.	1,112	6	75.4		99	27	45	12	37	1.32		0.94	0	3	18	9	3	s.	J. W. Eby.			
Houghton.	Stevens.			9	72.4		102	25	47	9	40	3.17		2.08	0	10	16	4	s.	E. R. Kimzey.			
Hutchinson.	Reno.	1,535	23	75.8	+ 2.2	99	27	46	8	37	2.03		4.35	0	6	16	6	8	s.	Sheridan Plough.			
Independence.	Montgomery.	800	39	75.4	-0.2	96	1†	48	46	11†	37	2.25	1.22	0	7	14	6	10	s.	F. L. Kenoyer.			
Iola.	Allen.	984	7	75.0	+ 1.7	97	27	44	10	34	4.26	-0.47	3.22	0	7	15	10	5	s.	U. S. Weather Bureau.			
Irene.	Hamilton.	3,440	3	70.6		102	26	42	13	41	4.56		0.93	0	11	6	11	13	s.	N. M. Herbig.			
Jetmore.	Hodgeman.	2,268	12								1.07		0.58	0	5	15	2	13	s.	James Aikin.			
Kingman.	Kingman.	1,504	5	74.5		96	1	49	8	34	3.24		0.65	0	11	9	19	2	sw.	B. B. Anawalt.			
Rush.	do.	2,061	11	74.2	+ 2.3	99	25	47	8	35	2.49	-1.32	1.08	0	8	11	15	4	se.	Rodney Torrey.			
Lakin.	Kearney.	2,993	23	71.6	-0.5	104	25	44	9	52	1.82	-0.58	0.54	0	6	12	15	3	s.	C. H. Longstreth.			
Larned.	Marion.	2,090	23	74.4		98	25†	47	8	33	4.21	+ 0.26	2.32	0	10	7	21	2	sw.	H. H. Wolcott.			
Lebo.	Barber.	1,138	27	75.5	+ 1.9	101	27	46	10	35	2.60	-2.90	1.57	0	4	14</td							

TABLE 1.—Climatological data for June, 1913. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
Oklahoma.																						
Ada.	Pontotoc.	1,001	5	76.4	.....	99	2	54	13	33	0.77	.....	0.26	0	7	11	13	6	s.	H. P. Sugg.	
Altus.	Jackson.	1,410	7	76.3	.....	101	1	56	97	39	2.60	.....	0.54	0	11	10	10	6	se.	U. S. Weather Bureau.	
Alva.	Woods.	1,350	8	73.8	.....	99	27	50	9	32	4.36	.....	1.32	0	9	8	16	6	sw.	S. A. Stech.	
Apache.	Caddo.	1,255	3	75.2	.....	102	1	51	12	42	4.31	.....	1.59	0	9	11	15	4	s.	G. D. Teeter.	
Arapaho.	Custer.	1,375	19	76.8	+ 0.4	102	1	54	97	44	2.03	.....	1.38	0	9	6	16	8	s.	J. C. Brower.	
Ardmore.	Carter.	872	11	78.4	+ 0.9	104	2	55	107	35	3.98	0.31	1.95	0	12	10	9	11	s.	H. T. Nisbett.	
Bartlesville.	Washington.	687	5	78.2	.....	99	27	49	117	34	1.26	.....	0.45	0	4	16	3	11	s.	Dr. A. P. Owens.	
Beaver.	Beaver.	2,500	18	75.5	+ 0.2	104	25	48	10	35	2.32	0.87	0.52	0	11	12	12	6	sw.	W. C. Frazer.	
Cache.	Comanche.	1,350	7	72.5	.....	98	1	46	9	43	5.35	.....	1.52	0	7	13	8	9	s.	Mrs. Frank Rush.	
Calvin.	Hughes.	713	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.88	0	5	15	0	15	s.	Thomas Purcell.	
Chandler.	Lincoln.	865	11	77.7	+ 1.2	97	.....	52	37	1.84	2.14	0.62	0	5	8°	1°	18°	s.	Chas. L. Kern.		
Chattanooga.	Comanche.	1,150	7	74.0	.....	98	17	56	97	38	6.08	.....	1.20	0	10	8	14	8	s.	Squire Humble.	
Chickasha.	Grady.	1,091	11	75.5	- 2.	102	1	52	13	39	4.90	1.35	1.75	0	6	12	6	12	s.	Anna W. O'Neil.	
Cleveland.	Pawnee.	800	11	78.0	+ 2.7	103	1	51	12	39	1.77	2.56	0.74	0	7	10	18	2	sw.	C. C. Breed.	
Cloud Chief.	Washita.	1,400	11	77.0	+ 0.4	106	1	53	12	41	2.40	1.06	0.96	0	9	11	11	8	se.	J. P. Stutzman.	
Crawford.	Rogers Mills.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. W. Blackburn.
Durant.	Bryan.	643	11	78.0	+ 0.6	102	2	52	12	38	1.30	2.69	0.40	0	10	16	8	6	s.	Nelson Houk.	
Eldorado.	Jackson.	1,456	6	77.2 ^d	.....	101	.....	54	35	0.91	.....	0.33	0	6	6 ^d	10 ^d	10 ^d	5	se.	T. W. Lanham.	
Elk City.	Beckham.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. J. Carille.
El Reno.	Canadian.	1,400	21	76.6	- 0.9	104	1	53	9	36	4.79	1.35	2.40	0	8	12	12	6	s.	Rose E. Walker.	
Enid.	Garfield.	1,269	11	75.8	0.0	104	1	52	97	44	2.67	0.47	1.48	0	6	15	5	5	s.	Uri B. Worcester.	
Erick.	Beckham.	2,058	8	75.5 ^e	.....	102	1	50	7	40	2.64	.....	1.10	0	8	8 ^e	11 ^e	6 ^e	s.	A. W. Hanes.	
Eufaula.	McIntosh.	566	.....	77.2	.....	97	2 ^f	44	12	40	0.15	.....	0.15	0	1	12	11	7	s.	R. Uhl Brown.	
Fairland.	Ottawa.	839	13	76.4	+ 1.9	98	27 ^f	44	11	38	2.35	3.96	0.95	0	7	10	18	2	s.	C. W. Prier.	
Fort Gibson.	Muskogee.	556	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.68	0	3	18	3	9	s.	John T. Welsh.	
Frederick.	Tillman.	1,293	6	77.3	.....	101	.....	56	38	3.73	.....	1.02	0	11	11	12	7	se.	B. B. Bradley.		
Geary.	Blaine.	1,546	1	75.4	.....	103	1	52	9	36	2.47	.....	1.02	0	12	17	7	6	sw.	O. P. Ruth.	
Goodwell.	Texas.	3,300	2	72.4	.....	100	26	48	10	32	3.65	.....	1.39	0	11	9	13	4	s.	S. W. Black.	
Guthrie.	Logan.	1,000	20	76.9	- 0.4	101	1	50	10	40	2.60	.....	0.55	1.75	0	5	14	1	s.	S. E. Snyder.	
Guymon.	Texas.	3,133	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.45	0	5	12	15	3	se.	A. L. Mordt.	
Hartshorne.	Pittsburg.	700	14	78.8	+ 0.8	97	2	50	12	35	0.30	4.17	0.40	0	2	21	6	3	se.	Frank Webber.	
Headston.	Carter.	900	19	75.3	- 2.4	101	2	51	12	44	5.85	2.53	1.31	0	10	9	20	1	s.	C. H. Head.	
Helena.	Alfalfa.	1,396	5	77.1	.....	98	26	47	107	41	2.24	.....	0.85	0	6	4	17	9	sw.	J. G. McCall.	
Hennessey.	Kingfisher.	1,166	18	75.6 ^f	- 0.4	102	.....	53	39	5.86	+ 2.10	1.55	0	8	7 ^f	12 ^f	5 ^f	s.	Mrs. M. C. Parks.		
Hobart.	Kiowa.	1,396	10	76.5	.....	104	1	53	9	40	6.05	.....	2.55	0	11	10	9	11	s.	J. M. Pate.	
Holdenville.	Hughes.	900	12	76.9	+ 1.4	102	1	51	12	35	0.73	3.63	0.32	0	5	22	6	2	s.	Eula Rutherford.	
Hooker.	Texas.	3,038	7	72.6	.....	104	2	47	12	35b	1.42	.....	0.52	0	6	3b	1b	10b	s.	H. N. Kelly.	
Hugo.	Choctaw.	.....	.....	77.6	.....	100	2	53	11	34	2.38	.....	0.81	0	10	17	6	7	sw.	C. C. Montgomery.	
Hurley.	Cimarron.	4,200	5	71.4	.....	98	26	47	107	41	2.24	.....	0.85	0	6	4	17	9	s.	Dr. C. W. Meyers.	
Idabel.	McCurtain.	474	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.88	0	10	15	13	2	s.	M. L. Henderson.	
Jefferson.	Grant.	1,062	19	76.2	- 0.1	105	1	50	10	45	3.72	0.62	1.10	0	7	15	13	2	s.	T. E. Beck.	
Kenton.	Cimarron.	4,000	12	69.6	- 2.1	96	26	48	107	38	1.71	0.20	0.52	0	12	12	11	7	se.	Ralph H. Guy.	
Kingfisher.	Kingsher.	1,046	16	76.6	- 0.2	103	1	50	12	41	3.34	0.60	1.60	0	12	8	18	6	s.	J. C. Cross.	
Lawton.	Comanche.	1,111	.....	77.1	.....	104	1	55	97	41	6.77	.....	1.87	0	10	10	4	16	se.	Frank M. Head.	
Lawtonka Lake.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.88	0	10	10	22	3	s.	W. F. Stuart.	
McAlester.	Pittsburg.	698	16	78.9	99	27	52	12	37	0.71	4.13	0.44	0	4	14	9	7	s.	Wm. Noble.	
Mangum.	Greer.	1,535	20	76.8	- 1.0	102	1	55	97	39	1.09	3.59	0.25	0	8	16	1	13	se.	F. D. Dodson.	
Marlow.	Stephens.	1,292	12	76.4	+ 0.3	102	1	55	107	37	5.10	0.52	1.80	0	6	14	6	10	s.	Wm. B. Anthony.	
May.	Harper.	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.71	0	3	19	6	5	s.	G. C. Gray.	
Meeker.	Lincoln.	1,030	14	80.2	+ 3.6	103	1	48	10	43	1.68	2.03	0.88	0	3	19	6	5	s.	Dr. J. H. Baugh.	
Muskogee (1).	Muskogee.	.....	.....	78.2	.....	97	2 ^f	53	11	28	0.07	.....	0.04	0	3	16	7	7	s.	U. S. Weather Bureau.	
Muskogee (2).	Woodward.	614	14	79.2	+ 3.6	98	20	52	11	31	T.	3.76	T.	0	0	13	9	8	s.	J. Harry Randall.	
Mutual.	Neola.	.....	5	75.3	.....	102	2	49	9	40	2.67	.....	0.81	0	7	14	7	9	s.	Thos. Martin.	
Neola.	Caddo.	1,500	7	75.6	.....	102	1	54	97	38	1.75	.....	0.84	0	8	5	21	4	s.	R. N. Schooling.	
Newkirk.	Kay.	1,149	15	77.4	+ 1.4	106	1	51	9	37	4.08	0.86	1.39	0	7	14	7	9	s.	P. H. Albright & Co.	
Norman.	Cleveland.	1,171	18	76.2	- 0.8	101	1	53	107	40	4.45	0.38	2.36	0	9	5	22	3	s.	S. E. Boyd.	
North Muskogee.	Muskogee.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.39	0	2	14	5	11	s.	J. E. Walker.	
Oakwood.	Dewey.	1,854	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.44	0	2	14	3	3	s.	Dr. L. H. Murdock.	
Okeene.	Blaine.	1,194	6	76.0	.....	105	.....	53	39	3.15	.....	0.76	0	10	15	12	3	s.	S. F. Smith.		
Oklahoma.	Oklfuskee.	1,247	23	75.6	- 0.1	99	1	53	10	37	1.41	.....	0.65	0	8	11	6	13	s.	U. S. Weather Bureau.	
Okmulgee.	Okmulgee.	752	8	77.5	.....	97	17	49	12	35	0.45	.....	0.25	0	2	18	7	5	s.	J. L. Maynard.	
Pauls Valley.	Garvin.	880	12	76.8	+ 0.4	101	1	49	12	41	1.											

TABLE 1.—Climatological data for June, 1913. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.						
Missouri—Continued.																					
Goodland.....	Iron.....	900	9	71.7	.....	97	18†	37	11	44	5.46	.....	3.05	0	6	15	2	s.	F. M. Adams.		
Hollister.....	Taney.....	850	4	74.5	.....	96	27†	48	11	36	1.00	.....	0.50	0	4	25	0	sw.	W. P. Chapman.		
Ironton.....	Iron.....	925	36	73.5	+ 1.5	101	18	35	11	48	1.88	.....	3.20	0.54	0	7	18	s.	W. H. Delano.		
Jackson.....	Cape Girardeau.....	458	23	77.2	+ 3.4	103	18†	42	9	43	1.14	.....	3.10	0.45	0	6	15	s.	L. M. Bean.		
Joplin.....	Jasper.....	979	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Joplin High School.		
Koshkonong.....	Oregon.....	911	13	78.8	+ 5.5	100	30	54	8†	30	2.04	.....	2.55	0.84	0	6	16	13	1	ne.	
Lamar.....	Barton.....	964	34	76.6	+ 2.7	98	17†	44	11	37	1.67	.....	3.23	0.93	0	5	16	9	sw.	E. H. Adams.	
Marble Hill.....	Bollinger.....	420	20	76.3	+ 2.5	102	18†	40	10†	33	0.84	.....	3.48	0.30	0	4	17	10	3	s.	A. F. Hendricks.
Mountaintop.....	Wright.....	1,490	15	74.2	+ 3.3	95	1†	44	10	32	4.64	+ 0.40	2.60	0	5	19	8	3	sw.	Missouri Fruit Exp. Sta.	
Mount Vernon.....	Lawrence.....	1,480	35	74.9	+ 1.6	98	30	43	12	38	2.85	.....	2.47	1.40	0	7	14	2	sw.	J. R. White & Son.	
Neosho.....	Newton.....	1,023	31	74.0	+ 0.3	96	27†	40	11†	41	4.47	.....	1.06	1.65	0	7	23	4	3	sw.	W. O. Buck.
New Madrid.....	New Madrid.....	285	20	77.7	+ 3.9	102	18	45	9	34	1.92	.....	2.98	0.50	0	4	22	2	6	sw.	Miss Josie Smith.
Oakfield.....	Franklin.....	793	22	77.7	+ 3.9	102	18	45	9	34	1.92	.....	2.71	1.58	0	6	10	14	6	sw.	E. E. Steines.
Rolla.....	Phelps.....	1,139	26	73.8	+ 6.1	99	18	41	9	36	2.75	.....	1.54	1.50	0	4	.....	.....	.....	sw.	Prof. P. J. Wilkins.
Springfield.....	Greene.....	1,350	26	74.2	+ 1.9	92	1	47	10	25	2.71	.....	2.48	1.76	0	6	22	7	1	s.	U. S. Weather Bureau.
Kentucky.																			E. W. Horr.		
Tennessee.																			.....	
Arlington.....	Shelby.....	31	78.2	+ 1.9	101	26†	47	12	43	0.89	.....	3.29	0.52	0	5	24	5	1	s.	A. Thomas B. Etheridge.	
Bolivar.....	Hardeman.....	450	30	77.2	+ 1.5	99	19†	48	12	37	1.79	.....	2.30	0.95	0	3	29	0	1	s.	Miss Mary A. Smith.
Brownsville.....	Haywood.....	361	31	79.4	+ 3.0	104	27	49	12	41	1.27	.....	2.89	0.43	0	7	24	5	1	ne.	Miss Hattie N. Moses.
Covington.....	Tipton.....	311	30	77.4	+ 0.9	100	26	50	12	35	1.15	.....	2.86	1.08	0	3	27	0	3	s.	James S. Rutin.
Dyersburg.....	Dyer.....	310	30	78.2	+ 1.3	100	27	51	11	32	2.60	.....	1.31	1.60	0	3	26	0	4	se.	Miss Martha A. Sinclair.
Jackson.....	Madison.....	450	23	78.0	+ 1.5	104	28	45	12	44	1.73	.....	3.01	1.01	0	3	.....	.....	.....	s.	Shelby A. Robert.
Kenton.....	Obion.....	325	11	76.6	+ 1.4	100	18†	45	12	42	3.48	.....	0.02	3.09	0	2	14	13	3	s.	George S. Martin.
Memphis.....	Shelby.....	409	42	78.0	+ 0.3	96	27†	56	11	25	0.97	.....	3.40	0.52	0	5	18	7	5	sw.	U. S. Weather Bureau.
Milan.....	Gibson.....	440	31	77.3	+ 1.4	99	20†	48	12	37	0.63	.....	3.76	0.23	0	6	19	4	7	e.	Orlando F. Cantwell.
Trenton.....	do.....	345	33	77.2	+ 2.6	102	28	44	12	42	1.70	.....	2.54	1.30	0	2	22	6	2	sw.	F. L. Dennis.
Union City.....	Obion.....	360	18	78.6	+ 2.8	103	18†	46	12	43	1.34	.....	2.60	0.46	0	6	15	14	1	s.	J. R. Oliver.
Arkansas.																			.....	
Alcia.....	Lawrence.....	9	76.0	.....	98	30	47	11†	37	1.45	.....	0.55	0	4	18	10	2	sw.	McCullough & Guelck.		
Amity.....	Clark.....	250	21	.....	98	30	47	11†	37	1.41	.....	2.76	1.07	0	4	.....	.....	.....	s.	J. W. Campbell.	
Arkansas City.....	Desho.....	145	29	.....	.....	.....	.....	.....	.....	0.96	.....	3.35	0.50	0	5	.....	.....	.....	s.	W. C. Blundell.	
Batesville.....	Independence.....	271	14	.....	.....	.....	.....	.....	.....	0.99	.....	3.57	0.84	0	6	18	9	3	s.	Lelia I. Teter.	
Bee Branch.....	Van Buren.....	20	78.4	+ 2.5	102	30	48	12	40	2.75	0.37	2.10	0	4	14	12	4	s.	J. E. Scanlan.		
Bentonville.....	Benton.....	1,303	8	74.3	+ 0.2	95	27	45	11	34	0.99	.....	3.57	0.84	0	6	18	9	3	s.	U. S. Weather Bureau.
Bergman.....	Boone.....	1,324	15	75.8	+ 2.9	101	1†	43	11	42	0.46	.....	3.72	0.33	0	3	23	5	2	sw.	John T. Maxey.
Black Rock.....	Lawrence.....	259	10	78.5	+ 1.4	101	20†	47	12	42	0.67	.....	2.75	0.63	0	2	21	6	3	s.	S. J. Howe.
Brinkley.....	Monroe.....	226	31	78.5	+ 1.4	101	20†	47	12	42	0.67	.....	2.75	0.63	0	2	21	6	3	s.	H. L. D. Whitson.
Calico Rock.....	Izard.....	361	9	78.0	0.0	100	20	50	12	40	6.34	+ 1.46	4.93	0	4	18	7	5	sw.	J. W. Wray.	
Camden.....	Ouachita.....	158	28	78.0	0.0	100	20	50	12	40	6.34	+ 1.46	4.93	0	4	18	7	5	sw.	R. H. Quarterman.	
Centerpoint.....	Howard.....	470	13	76.8	- 1.5	96	2	52	12	34	2.87	- 1.85	2.00	0	5	14	11	5	se.	J. M. Huddleston.	
Clarendon.....	Monroe.....	171	9	78.0	0.6	96	27†	39	12	42	1.37	.....	0.42	0	7	.....	.....	.....	s.	Mrs. B. E. Bishop.	
Conway.....	Faulkner.....	309	29	78.4	+ 1.6	102	30	50	13	39	1.15	.....	2.85	0.65	0	4	23	5	2	s.	G. H. Burr.
Corning.....	Clay.....	293	20	78.6	0.0	97	28†	50	13	36	1.60	.....	2.30	0.80	0	6	10	17	3	sw.	Jacob Brobst.
Dardanelle.....	Yell.....	330	26	76.8	0.0	97	28†	50	13	36	1.60	.....	2.30	0.80	0	6	18	11	1	sw.	A. Bernard.
Dodd City.....	Marion.....	1,175	31	75.4	- 0.6	98	30	43	10	41	1.35	.....	3.05	0.60	0	4	24	5	1	sw.	Neal Dodd.
Dumas.....	Desho.....	2	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.42	0	2	15	15	0	s.	Lawrence Waterman.		
Dutton.....	Madison.....	12	71.8	+ 0.6	96	27†	39	12	42	0.76	- 5.04	0.60	0	2	15	15	0	s.	J. M. Ricketts.		
Eldorado.....	Union.....	265	9	77.8	0.0	98	20	51	12	35	2.11	.....	0.98	0	6	.....	.....	.....	s.	Jeff. J. Babb.	
England.....	Polk.....	6	77.6	0.0	100	18†	48	12	38	2.74	.....	1.00	0.50	0	5	17	10	3	sw.	J. C. Chenault.	
Eureka Springs.....	Sharp.....	1,405	12	76.2	+ 2.7	99	27†	41	11	40	1.79	- 4.46	0.62	0	6	12	17	1	sw.	George W. Nicholads.	
Fayetteville.....	Phillips.....	1,451	25	75.4	+ 1.7	97	27†	45	12	37	1.05	- 3.79	0.32	0	6	10	17	3	n.	University of Arkansas.	
Fordyce.....	Garland.....	3	77.8	0.0	96	19†	52	12	33	3.82	.....	2.07	0	4	5	16	9	e.	J. B. Atkinson.		
Fort Smith.....	Sebastian.....	481	31	78.7	+ 1.9	98	2	54	12	31	0.64	.....	3.36	0.41	0	4	10	11	9	e.	U. S. Weather Bureau.
Fraziers Turnpike.....	Fulton.....	2	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.41	0	4	10	11	9	sw.	R. E. Brown.		
Fulton.....	Hempstead.....	264	27	.....	.....	.....	.....	.....	.....	2.30	.....	1.35	1.00	0	3	.....	.....	.....	s.	B. C. Logan.	
Georgetown.....	White.....	200	1	.....	.....	.....	.....	.....	.....	0.14	.....	0.14	0	1	.....	.....	.....	s.	Wm. N. Harris.		
Hardy.....	Sharp.....	643	15	76.8	+ 2.2	101	19†	46	11	36	2.78	.....	1.12	1.45	0	5	10	10	10	sw.	C. A. Caywood.
Helena.....	Phillips.....	182	42	78.6	0.0	97	27†	51	12	41	1.48	.....	2.68	1.25	0	3	.....	.....	.....	s.	J. B. McLeod.
Hot Springs.....	Garland.....	600	21	78.8	+ 2.1	99	30	54	13	34	2.51	.....	2.50	1.60	0	4	26	3	1	sw.	Army and Navy Gen. Hosp.
Huttig.....	Union.....	85	6	77.6	0.0	97	3†	54	11†	42	3.50	.....	0.67	0	5	.....	.....	.....	s.	C. A. Berry.	
Jonesboro.....	Craighead.....	345	18	78.8	+ 0.9	103	28†	50	11†	40	0.20	.....	3.97	0.07	0	5	14	14	2	sw.	Benedictine Sisters.
Junction.....	Union.....	20	78.8	+ 1.1	100	2	51	12	38	0	.....	0	5.13	0.33	0	3	23	4	3	sw.	

TABLE 1.—Climatological data for June, 1913. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of cloudy days.						
<i>Mississippi.</i>																					
Anguilla.	Sharkey.	107	5	75.8	.....	99	19†	50	11	37	0.85	.....	0.40	0	3	17	11	2	se.	E. W. Cook.
Austin.	Tunica.	200	17	78.1	+ 0.8	100	28	48	12	40	1.87	- 2.08	0.90	0	4	20	6	4	nw.	H. J. Irvine.	
Batesville.	Panola.	230	26	78.4	+ 0.4	102	19	49	12	39	1.88	- 2.17	1.10	0	4	27	1	2	w.	J. M. Cox.	
Big Creek.	Calhoun.	2	2	77.7	.....	100	28	49	13	39	1.93	.....	1.30	0	3	21	8	1	s.	J. P. Havens.
Canton.	Madison.	228	23	78.0	- 0.6	100	19	50	11	35	1.36	- 2.76	0.50	0	7	19	10	1	se.	Dr. G. W. Smith-Vaniz.	
Charleston.	Tallahatchie.	3	76.7	.....	101	19	46	12	41	2.00	.....	1.30	0	2	21	4	5	s.	W. B. Burke.	
Clarksdale.	Coahoma.	177	6	78.8	.....	99	19	50	12†	38	1.70	.....	1.04	0	5	23	3	4	s.	A. C. Tuttle.
Cleveland.	Bolivar.	160	1	.....	.....	.....	.....	.....	.....	.....	2.58	.....	1.63	0	7	18	1	12	sw.	W. W. Boone.
Coffeeville.	Yalobusha.	241	4	.....	.....	.....	.....	.....	.....	1.85	.....	0.76	0	6	18	11	1	sw.	C. K. Bailey.	
Corinth.	Alcorn.	470	25	77.0	+ 1.6	102	28	48	12	40	1.26	- 2.84	0.90	0	3	15	14	1	s.	M. A. Candler.	
Crenshaw.	Panola.	187	4	.....	.....	.....	.....	.....	.....	0.70	.....	0.35	0	4	18	6	6	s.	Rodgers Woollard.	
Duck Hill.	Montgomery.	14	77.6	+ 0.4	102	18	46	12	46	1.61	- 1.40	0.90	0	3	13	14	3	sw.	W. H. Eskridge.		
Edwards.	Hinds.	222	26	78.8	- 1.3	98	19†	52	11	35	1.10	- 0.17	2.70	0	8	24	6	0	s.	E. F. Farr.	
Fayette.	Jefferson.	270	12	76.3	- 1.2	96	19†	47	13	38	5.20	+ 0.36	2.95	0	7	13	14	3	sw.	T. L. Darden.	
Greenville.	Washington.	126	26	80.2	+ 0.7	99	20†	53	12	36	1.56	- 1.27	0.91	0	4	25	2	3	sw.	M. G. Harbison.	
Greenwood.	Leflore.	140	13	79.3	+ 1.3	102	19	52	11†	38	0.86	- 2.86	0.63	0	4	27	1	2	sw.	J. H. Stephen.	
Grenada.	194	4	0.70	0.40	0	2
Hernando.	De Soto.	391	25	78.5	+ 1.1	101	19	52	11	38	0.51	- 3.23	0.50	0	2	24	3	3	s.	W. F. Wood.	
Hickory Flat.	Benton.	435	4	.....	.....	.....	.....	.....	.....	2.83	.....	1.53	0	3	25	5	0	sw.	H. Powell.	
Holly Springs.	Marshall.	600	26	78.0	+ 0.4	99	19	52	11	28	3.54	- 0.71	1.83	0	6	24	1	5	sw.	L. B. Mosby.	
Kosciusko.	Attala.	430	23	77.7	- 1.9	100	19	49	11	37	1.65	- 2.37	1.25	0	5	22	6	2	ne.	E. L. Lucas.	
Malone.	Marshall.	4	3.28	1.05	0	6
Moorhead.	Sunflower.	117	77.0	.....	101	19	47	12†	41	1.27	.....	0.72	0	6	19	9	2	se.	H. S. Gove.	
Natchez.	Adams.	206	25	76.1	- 3.8	99	1	53	13	35	1.86	- 2.20	1.31	0	4	22	4	4	se.	Catherine Garrity.	
Pontotoc.	Pontotoc.	475	24	76.8	+ 0.2	97	28	49	12	34	1.81	- 2.31	0.90	0	4	20	9	1	se.	Dr. C. W. Bolton.	
Port Gibson.	Claiborne.	116	25	76.8	- 2.0	96	19†	50	13	37	4.84	+ 0.25	1.43	0	10	17	7	0	e.	H. H. Crisler.	
Rosedale.	Bolivar.	143	5	78.4	.....	98	26	50	11†	35	0.63	.....	0.30	0	3	26	0	4	sw.	T. J. Murray.
Shoecoe.	Madison.	10	78.0	- 0.6	100	19	54	12†	32	5.02	0	0	0
Suffolk.	Franklin.	12	73.1	- 0.7	101	19	51	13	37	2.14	- 2.12	1.05	0	9	12	12	6	s.	J. C. Pitchford.		
Swan Lake.	Tallahatchie.	148	8	0.25	0.16	0	2	26	2	2
Tchula.	Holmes.	130	8	78.6	.....	101	19	50	11	35	1.06	.....	0.55	0	3	13	17	0	s.	Dr. M. P. Winkler.
University.	Lafayette.	502	20
Utica.	Hinds.	287	9	78.3	.....	99	19	52	12	36	5.58	.....	3.25	0	9	16	4	10	e.	Dr. J. B. Dudley.
Vicksburg.	Warren.	247	42	78.4	- 0.1	97	19	54	11	27	0.46	- 4.03	0.22	0	7	12	13	5	e.	U. S. Weather Bureau.	
Water Valley.	Yalobusha.	300	24	77.8	+ 0.3	100	19	49	13	38	1.70	- 3.33	0.75	0	4	23	6	1	sw.	Miss Loula Erikson.	
Woodville.	Wilkinson.	560	20	77.4	- 2.5	98	19	53	13	33	3.73	- 0.72	2.25	0	10	12	18	0	.....	James E. Lee.
Yazoo City.	Yazoo.	116	19	78.2	- 1.8	98	19†	50	11†	37	T.	- 4.27	T.	0	0	28	0	2	sw.	W. H. Courts.	
<i>Louisiana.</i>																					
Abbeville.	Vermilion.	18	25	79.5	- 0.4	96	5	57	13	34	5.90	- 0.20	2.35	0	14	12	9	9	sw.	Hon. C. J. Edwards.	
Alexandria.	Rapides.	77	25	78.0	- 1.6	97	2†	56	12†	34	2.06	- 3.57	0.82	0	5	12	3	15	s.	Miss Nellie Graham.	
Amite.	Tangipahoa.	130	25	77.9	- 1.7	99	18†	51	13	36	2.10	- 4.41	1.00	0	2	24	2	4	n.	Miss L. M. Wentz.	
Antioch.	Claiborne.	1	78.6	.....	100	20	50	12	42†	1.69	.....	0.50	0	8	22	0	8	s.	W. L. Anglin.	
Avoca Island.	St. Mary.	9	2	5.02
Baton Rouge.	East Baton Rouge.	60	25	78.4	- 1.3	96	19	55	13	29	3.66	- 1.23	1.30	0	9	21	4	5	ne.	Elmo M. Bott.	
Burnside.	Ascension.	20	13	79.1	- 0.2	97	18†	53	14	35*	3.95	+ 1.27	0.80	0	9	10	7	13	sw.	C. S. McFarland.	
Burrwood.	Plaquemines.	1	25	78.4	- 1.9	90	18†	64	12	50	1.67	- 1.92	0	3	14	8	8	ne.	Graham Meyers.		
Cades.	St. Martin.	3	23	79.5	.....	95	17†	55	13	29	2.88	.....	0.55	0	11	11	13	6	s.	C. E. Smedes.
Calhoun.	Ouachita.	180	25	76.5†	- 2.3	96	18†	51	12	33*	5.15	+ 0.83	1.56	0	8	19	8	3	s.	North Louisiana Exp. Sta.	
Cameron.	Cameron.	6	20	74.4	- 6.1	94	19	53	13	32	2.68	- 3.08	0.70	0	10	9	17	4	sw.	Adolph Bruckert.	
Cheneyville.	Rapides.	67	25	78.7	- 0.8	101	3	53	14	37	3.01	- 2.70	1.25	0	9	15	6	9	e.	Walter I. Tanner.	
Cincclare.	West Baton Rouge.	3	25	78.8	.....	98	19	56	12†	31	5.50	- 1.70	0	6	5	15	10	10	se.	Cinclare Central Factory.
Clinton.	East Feliciana.	113	25	77.4	- 1.7	99	19†	52	13	36	0.61	- 4.61	0.15	0	6	18	1	11	s.	John A. White.	
Colliston.	Morehouse.	65	12	78.9	- 0.8	99	1	54	12	39	5.35	+ 1.05	2.43	0	10	17	3	10	se.	J. B. Reilly.	
Covington.	St. Tammany.	39	21	78.8	- 1.1	100	19	53	13	39	2.54	- 2.89	0.91	0	5	19	8	3	s.	Cecile P. Champagne.	
Dodson.	Winn.	4	25	78.4	.....	98	19†	54	12†	38	1.53	.....	0.98	0	4	12	13	5	s.	J. P. Lucas.
Donaldsonville.	Ascension.	33	25	80.4	+ 0.5	98	2†	62	11†	28	4.52	- 1.59	2.20	0	7	21	1	8	s.	John F. Park.	
Dutchtown.	do.	2	.....	.....	.....	.....	.....	.....	.....	1.81	.....	0.58	0	7	15	11	4	se.	Picard & Geismar (Ltd.).	
Farmerville.	Union.	177	25	76.1*	- 2.8	95	20	50	11	32*	2.18	- 2.02	1.15	0	4	19	8	3	s.	W. P. Chandler.	
Florence.	Vernilion.	1	80.0	.....	95	19	60	10	20	7.81	.....	4.30	0	7	12	13	5	sw.	White Lake Land Co.	
Franklin.	St. Mary.	10	21	80.0	- 0.9	98	19	58	13	31	4.86	- 1.40	1.81	0	15	17	6	7	s.	Miss J. M. Bonney.	
Franklinton.	Washington.	3	25	78.0	.....	101	19	48	13	40	0.89	.....	0.30	0	4	7	6	17	sw.	Herbert R. Babington.
Grand Cane.	De Soto.	302	19	72.0	- 6.7	97	1†	43	14	44	1.24	- 3.57	0.80	0	5	14	4	12	s.	G. Foster Provost.	
Grand Coteau.	St. Landry.	93	25	78.6	- 1.0	98	19	57	13	31	4.96	- 1.28	1.90	0	13	19	8	3	c.	St. Charles College.	
Hammond.	Tangipahoa.	44	21	78.5	- 1.4	99	18	52	13	36	5.93	+ 0.65	3.30	0	5	16	8	6	sw.	C. C. Carr.	
Houma.	Terrebonne.	25	81.8																		

TABLE 1.—Climatological data for June, 1913. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Observers.			
				Mean.	Departure f. on the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Sky.			
<i>Louisiana—Continued.</i>																			
Napoleonville.....	Assumption.....	4	80.3	.....	99	18†	59	13	29	11.15	.....	2.85	0	14	6	2	22	Leon Godchaux Co. (Ltd.).
Newellton.....	Tensas.....	6	76.64	.....	94	19	53	10	32	6.75	.....	2.25	0	6	ne.	John D. Fultz.		
New Iberia.....	Iberia.....	15	78.9	— 1.3	93	19	59	13	25	4.00	— 2.61	1.55	0	8	10	14	6	Mrs. John A. Gebert.	
New Orleans (1)	Orleans.....	51	42	78.8	— 0.8	97	18	59	11	22	5.58	— 0.58	2.99	0	14	7	14	9	U. S. Weather Bureau.
New Orleans (2)	do.....	25	79.3	— 1.3	100	19	56	13†	35	1.69	— 4.80	0.44	0	11	6	8	16	Sugar Experiment Station.	
Opelousas.....	St. Landry.....	21	75.8	— 6.4	92	20	52	13	32	2.24	— 3.27	0.57	0	7	19	0	11	Andrew Moresi.	
Paradis.....	St. Charles.....	83	2	.....	.....	.....	.....	.....	.....	3.55	.....	0.80	0	7	.....	.....	e.	R. E. Boyce.
Pearl River.....	St. Tammany.....	7	.....	.....	.....	.....	.....	.....	.....	4.08	.....	1.66	0	8	24	4	2	Geo. F. Bancks.
Plain Dealing.....	Bossier.....	29	21	78.2	— 0.3	98	20†	50	12	45	3.06	— 1.96	1.06	0	7	17	0	13	Leon Sanders.
Rayne.....	Acadia.....	268	21	79.4	— 1.2	95	4†	56	13	31	2.27	— 3.64	0.80	0	10	15	2	13	A. P. McNeil.
Reserve.....	St. John Baptist.....	44	12	76.7	— 4.3	103	4	53	11	43	3.96	— 0.14	1.14	0	7	13	10	7	Leon Godchaux Co. (Ltd.).
Richland Plantation.....	Rapides.....	1	77.4	.....	94	30	55	14	28	2.64	.....	1.21	0	9	22	0	8	A. B. Pendleton.
Robeline.....	Natchitoches.....	17	77.8	— 1.0	98	20	50	14	41	4.78	+ 1.16	1.80	0	8	17	2	11	Anna R. McCook.	
Ruston.....	Lincoln.....	147	18	80.9	+ 1.6	98	20†	55	10†	33	4.65	+ 0.03	3.05	0	6	3	6	Andor M. Larsen.	
St. Francisville.....	West Feliciana.....	312	10	79.6	.....	102	20	56	14	32	2.93	.....	0.91	0	11	13	15	G. W. Newman.
Schreiber.....	Terrebonne.....	115	21	78.9	+ 1.3	96	5†	56	13	34	4.15	— 2.88	1.30	0	9	16	9	William H. Gautreaux.	
Shreveport.....	Caddo.....	17	42	79.0	— 0.6	98	20	59	11	28	3.23	— 0.35	2.13	0	5	16	8	U. S. Weather Bureau.	
Simmesport.....	Avoyelles.....	249	7	.....	.....	.....	.....	.....	.....	4.13	.....	1.75	0	9	13	2	15	Cassius T. Leigh.
Southern Univ. Farm.....	Jefferson.....	42	16	.....	.....	.....	.....	.....	.....	3.50	— 1.89	1.15	0	12	10	9	11	F. L. St. Martin.
Sugartown.....	Calcasieu.....	20	79.0	— 0.7	94	20	58	14	30	4.44	— 0.88	1.45	0	8	9	20	1	G. W. Richardson.	
Tallulah.....	Madison.....	6	78.3	.....	97	3†	51	12	33	0.69	.....	0.42	0	5	.....	.....	.....	Neal T. Halt.
Walker.....	Livingston.....	247	3	77.6	.....	100	20†	49	11†	47	4.00	.....	2.00	0	6	.....	.....	Westly Milton.

*, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for June, 1913. District No. 7, Lower Mississippi Valley.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.	
<i>Mississippi—Contd.</i>																																	
Edwards.....	Big Black.....																																4.10
Fayette.....	Mississippi.....																															5.20	
Greenville |||	Yazoo.....																															1.56	
Greenwood |||	do.....																															0.86	
Grenada.....	do.....																															0.70	
Hernando |||	do.....																															2.83	
Hickory Flat.....	do.....																															3.54	
Holly Springs |||	Kosciusko |||																															1.65	
Malone.....	Big Black.....																															3.28	
Moorhead.....	Yazoo.....																															T. 1.27	
Natchez |||	Mississippi.....																															1.86	
Pontotoc.....	Yazoo.....																															1.81	
Port Gibson |||	Mississippi.....																															4.84	
Rosedale |||	Yazoo.....																															0.68	
Shoecoe.....	Big Black.....																															1.10	
Suffolk.....	Mississippi.....																															0.25	
Swan Lake |||	Yazoo.....																															0.25	
Tchula.....	do.....																															1.06	
University.....	Mississippi.....																															5.58	
Vicksburg.....	do.....																															0.46	
Water Valley.....	Yazoo.....																															1.70	
Woodville.....	Mississippi.....																															3.73	
Yazoo City |||	Yazoo.....																															T.	
<i>Louisiana.</i>																																	
Abbeville.....	Coast.....																															5.90	
Alexandria |||	Red.....																															2.06	
Amite |||	Coast.....																															1.20	
Antioch.....	Red.....																															1.68	
Avoca Island.....	Coast.....																															3.66	
Baton Rouge |||	do.....																															3.66	
Burnside.....	do.....																															3.95	
Burwood.....	do.....																															2.50	
Cades.....	do.....																															2.86	
Calhoun.....	Ouachita.....																															5.15	
Cameron.....	do.....																															2.68	
Carrollton.....	Coast.....																															3.01	
Cheneyville |||	Red.....																															5.50	
Cinclare.....	Coast.....																															5.50	
Clinton |||	do.....																															5.35	
Collinston.....	Ouachita.....																															2.54	
Covington |||	Coast.....																															1.53	
Dodson.....	Red.....																															3.52	
Donaldsonville |||	Coast.....																															4.52	
Dutchtown |||	do.....																															1.81	
Farmerville.....	Ouachita.....																															2.18	
Florence |||	Coast.....																															7.81	
Franklin |||	Pearl.....																															4.86	
Grand Cane |||	Red.....																															1.24	
Grand Coteau.....	Coast.....																															4.96	
Hammond.....	do.....																															5.93	
Houma |||	do.....																															3.30	
Jena.....	Red.....																															1.05	
Jennings |||	Coast.....																															5.18	
Laark.....	Red.....																															2.52	
Lafayette |||	Coast.....																															3.04	
Lake Charles |||	do.....																															6.30	
Lakeside.....	do.....																															4.77	
La Rose (near).....	do.....																															2.44	
Lawrence |||	do.....																															6.47	
Liberty Hill.....	Red.....																															3.15	
Logansport |||	Sabine.....																															1.80	
Merville |||	Red.....																															1.68	
Minden |||	do.....																															1.89	
Monroe |||	Ouachita.....																															2.64	
Morgan City |||	Coast.....																															2.96	
Napoleonville.....	do.....																															11.15	
Newellton.....	Mississippi.....																															6.75	
New Iberia.....	Coast.....																															4.00	
New Orleans (1).....	do.....																															1.69	
New Orleans (2).....	do.....																															1.69	
New Orleans (3).....	do.....																															1.91	
New Orleans (4).....	do.....																															3.52	
New Orleans (5).....	do.....																															0.88	
New Orleans (6).....	do.....																															4.32	
New Orleans (7).....	do.....																															4.21	
New Orleans (8).....	do.....																																

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1913. District No. 7, Lower Mississippi Valley.

Date.	Colorado.						New Mexico.						Texas.						Kansas.								Oklahoma.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris. §§		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore. §§		Bartlesville. §§			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	87	56	62	34	79	55	86	59	75	45	92	62	97	66	90	67	90	67	91	65	92	63	90	69	103	70	98	66		
2....	88	55	62	31	82	52	87	58	81	46	93	59	98	69	84	62	85	58	87	61	85	59	81	63	104	71	89	68		
3....	81	58	66	34	76	57	86	49	73	50	84	64	92	71	86	60	89	61	87	64	87	63	86	64	100	70	89	68		
4....	82	54	66	33	78	53	75	55	68	46	74	57	94	67	84	60	91	64	90	64	85	59	89	67	98	69	93	67		
5....	88	56	62	34	83	53	82	57	76	46	84	59	91	61	88	61	93	62	88	65	90	60	89	66	97	70	91	68		
6....	79	62	55	34	78	56	84	55	73	48	86	55	92	60	81	59	85	62	89	63	83	60	84	67	89	70	92	68		
7....	72	54	59	33	63	54	72	56	66	48	70	57	92	62	71	54	70	63	71	51	79	56	68	56	89	65	82	64		
8....	70	47	57	33	67	50	66	55	57	49	60	56	86	62	56	50	64	48	55	46	65	55	59	50	75	66	65	54		
9....	60	46	63	34	58	49	66	53	59	49	63	52	72	65	52	48	56	51	70	53	63	47	63	53	68	61	67	56		
10....	65	48	57	33	71	49	60	51	56	48	60	51	73	60	64	48	75	50	75	44	57	48	75	52	71	55	76	53		
11....	63	54	52	31	68	51	66	52	61	49	63	53	79	57	69	58	78	54	80	69	54	75	52	79	61	81	49			
12....	75	52	47	28	76	51	65	51	71	46	71	56	81	53	77	59	81	53	82	48	80	56	77	56	81	55	86	49		
13....	81	47	58	31	83	52	85	59	79	40	82	56	85	56	83	58	84	54	84	54	87	59	83	61	86	57	86	54		
14....	91	53	68	33	89	52	87	57	80	48	88	61	90	57	91	64	92	59	91	68	95	63	90	65	94	59	92	61		
15....	96	56	72	36	94	57	90	57	81	49	88	63	92	57	92	68	93	65	94	64	92	66	94	62	96	62	96	62		
16....	95	63	69	37	88	53	86	57	78	49	87	58	93	62	89	61	92	61	93	61	91	63	95	65	96	64	96	64		
17....	93	63	68	37	88	58	84	57	78	46	82	62	94	67	88	64	91	64	94	62	92	62	91	70	92	66	96	64		
18....	89	64	63	38	85	58	86	61	75	51	74	62	85	69	93	62	89	63	93	65	86	61	87	68	81	69	91	68		
19....	90	63	61	38	84	59	81	59	75	52	76	63	93	67	84	63	86	67	85	66	86	64	84	68	82	62	89	69		
20....	89	60	68	37	83	59	84	56	77	51	82	58	96	67	88	62	91	65	92	70	88	60	90	70	90	68	92	69		
Mns.	86.1	58.3	63.2	35.0	82.0	55.7	81.9	56.8	74.4	48.7	80.6	59.9	89.8	65.9	83.3	61.7	86.2	63.0	86.9	63.1	86.2	61.1	84.4	65.5	90.2	66.7	90.0	66.3		

Date.	Oklahoma.												Missouri.												Blandville, Ky.				Jackson, Tenn.			
	Enid. §§		McAlester. §§		Mangum. §§		Musko-gee. §§		Oklahoma.		Weatherford. §§		Woodward.		Caruthers-ville.		Ironton. §§		Lamar. §§		Olden.		Springfield.									
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	104	60	96	87	102	63	94	66	99	67	103	63	96	65	100	78	86	63	97	65	.....	.....	92	67	93	71	96	70		
2....	87	61	98	69	100	64	97	70	95	70	91	69	88	63	96	72	91	62	92	61	.....	.....	88	65	89	64	96	66		
3....	91	65	94	73	93	67	96	70	91	69	88	63	91	64	86	66	84	63	92	66	.....	.....	82	63	81	67	91	67		
4....	96	67	95	89	95	64	91	69	95	70	96	65	89	60	92	66	89	57	90	65	.....	.....	83	64	89	65	95	65		
5....	94	65	90	67	91	66	91	66	88	64	89	63	92	60	92	70	91	61	91	65	.....	.....	86	59	83	67	93	64		
6....	91	64	90	69	98	63	89	68	88	64	96	63	90	64	95	71	92	63	92	66	.....	.....	84	67	91	69	93	63		
7....	83	62	89	65	80	63	89	68	79	63	73	62	88	60	83	67	90	58	82	63	.....	.....	80	55	87	67	88	66		
8....	62	53	76	61	77	60	58	59	64	55	70	55	62	52	76	63	64	50	58	49	.....	.....	55	50	72	57	72	57		
9....	66	52	69	61	60	55	73	60	60	54	57	52	54	49	75	60	68	50	71	51	.....	.....	65	53	68	52	81	59		
10....	71	52	79	58	62	55	70	59	72	53	62	52	64	51	79	55	76	47	70	47	.....	.....	70	53	71	57	75	56		
11....	74	53	82	55	71	55	78	53	75	58	71	54	73	58	81	55	78	35	81	44	.....	.....	73	50	74	52	78	51		
12....	76	55	84	52	82	59	54	56	76	55	79	54	86	49	84	37	85	51	.....	.....	77	54	82	50	86	45				
13....	84	55	87	57	80	56	56	58	81	57	85	57	86	52	88	40	85	54	.....	.....	80	53	89	47	90	54				
14....	90	60	91	59	93	61	85	58	85	62	91	59	91	66	91	53	90	42	90	62	.....	.....	84	59	88	56	92	54		
15....	91	57	94	57	95	65	90	62	87	62	94	61	92	69	94	59	93	50	95	63	.....	.....	86	63	90	60	91	53		
16....	92	59	95	64	95	60	88	65	93	62	91	62	98	59	96	50	96	61	93	68	.....	.....	88	66	93	61	98	54		
17....	94	67	97	66	95	63	89	69	94	65	90	66	96	61	101	62	99	53	98	67	.....	.....	89	70	95	63	100	57		
18....	87	68	87	69	85	68	82	67	86	64	84	66	92	62	104	63	101	56	96	66	.....	.....	80	55	85	53	89	54		
19....	85	66	91	66	88	65	90	68	81	68	84	64	88	65	102	65	99	57	90	61	.....										

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1913. District No. 7—Continued.

Date.	Tennessee.				Arkansas.										Mississippi.													
	Kenton.		Memphis.		Bentonville.		Dardanelle. §§		El Dorado. §§		Fort Smith.		Hardy.		Little Rock.		Pine Bluff. §§		Texarkana. §§		Wynne. §§		Clarksdale. §§		Corinth. §§		Greenville. §§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	92	71	91	72	92	64	94	65	94	66	95	67	100	67	94	70	96	66	97	65	98	71	94	68	95	70	97	69
2.....	92	68	91	66	92	66	94	65	95	67	98	69	95	65	95	73	98	65	98	66	96	71	96	70	98	68	96	72
3.....	84	67	81	69	86	65	84	66	83	68	89	72	82	64	83	71	90	68	95	67	96	73	90	66	94	72	94	72
4.....	89	62	87	69	90	64	89	66	94	68	95	70	89	64	88	68	93	68	99	67	92	64	92	66	89	66	92	67
5.....	91	67	90	73	89	62	94	64	95	68	93	68	91	67	92	69	94	67	95	68	93	68	92	67	94	70	97	69
6.....	93	66	87	66	86	63	92	67	92	67	91	67	91	72	93	69	98	64	96	69	92	72	89	71	93	69	93	69
7.....	89	65	86	69	83	66	89	70	93	68	88	71	90	64	92	70	94	67	98	67	95	67	92	70	84	68	94	69
8.....	78	60	70	62	67	54	77	68	89	68	82	65	74	55	76	60	83	68	92	67	71	63	86	70	82	66	90	70
9.....	71	56	66	60	69	54	70	60	69	62	72	61	71	56	65	60	68	61	74	60	68	61	67	64	72	60	68	64
10....	76	52	75	58	73	52	76	59	72	61	76	61	74	52	73	58	77	59	77	60	81	55	76	61	74	58	76	61
11....	80	48	77	56	75	45	79	51	76	55	78	55	76	46	76	56	79	55	82	54	78	62	79	53	76	50	79	54
12....	83	45	80	58	79	45	82	52	82	51	81	54	81	48	80	57	83	51	87	54	82	48	83	50	82	48	85	53
13....	87	48	83	61	81	49	86	50	85	54	85	57	85	49	84	57	86	52	87	60	87	51	88	50	88	52	87	55
14....	90	59	88	64	86	54	88	53	89	54	88	53	89	52	87	60	89	54	91	51	91	55	92	54	92	59	92	59
15....	90	53	89	67	89	58	90	56	91	57	91	60	93	62	90	63	93	58	93	60	74	53	93	57	94	54	96	60
16....	95	53	90	68	91	58	95	60	92	62	92	66	94	58	93	66	95	61	95	64	96	54	94	60	97	58	96	64
17....	97	57	92	69	90	62	95	60	93	64	92	66	97	62	93	69	98	64	94	65	97	61	96	64	98	62	98	68
18....	100	60	93	71	91	61	93	62	95	67	93	69	99	64	95	70	98	65	92	65	98	67	100	63	96	71	96	71
19....	100	63	94	75	86	64	95	64	97	68	91	70	101	70	95	73	99	70	96	66	98	66	99	69	100	66	98	73
20....	98	67	93	73	91	65	95	63	98	68	96	86	101	66	97	91	100	67	98	64	101	66	98	71	98	70	99	72
Mns..	90.6	62.7	87.1	69.0	86.9	61.7	89.8	63.7	90.0	65.7	90.1	67.3	90.5	63.1	88.5	67.9	91.7	65.2	92.9	65.3	90.9	64.8	91.4	66.3	91.7	62.3	92.6	67.8
Date.	Mississippi.					Louisiana.																		Shreveport.				
	Kosciusko. §§		Natchez. §§		Vicksburg.		Alexandria. §§		Baton Rouge. §§		Covington. §§		Lafayette. §§		Lake Charles. §§		Monroe. §§		New Orleans.		Robeline. §§		Schriever. §§		Shreveport.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	91	67	99	66	91	70	96	66	92	69	93	65	94	68	97	61	96	66	92	72	95	61	94	67	94	71	95	69
2.....	96	65	65	67	93	74	97	68	94	72	95	66	93	70	94	62	97	68	93	74	97	63	94	68	95	72	97	69
3.....	93	66	91	69	90	73	94	65	92	71	94	67	91	70	91	60	94	68	91	73	93	65	92	69	94	71	95	71
4.....	94	65	92	69	90	71	95	67	92	70	95	68	93	68	92	65	96	68	92	71	96	62	94	66	94	71	97	71
5.....	93	67	89	71	89	69	95	69	93	71	95	69	94	71	95	63	95	70	91	75	95	66	96	68	93	71	95	71
6.....	90	67	92	65	87	67	94	69	92	67	90	69	92	67	93	61	93	67	85	71	97	66	92	65	92	69	96	69
7.....	91	68	85	66	88	68	90	68	94	69	94	68	93	71	96	65	92	68	86	73	96	67	94	67	94	72	97	68
8.....	92	67	92	68	91	69	96	76	98	69	93	69	95	73	95	67	90	69	81	72	97	65	90	69	90	68	94	68
9.....	68	65	83	68	72	64	80	63	84	68	91	67	85	73	83	65	82	72	86	71	75	68	80	74	84	74	84	64
10....	70	61	69	64	67	60	70	63	75	67	72	69	80	70	77	62	82	74	82	68	62	76	70	69	61	76	71	61
11....	75	49	70	56	75	54	77	60	73	60	74	60	75	61	77	56	76	56	69	59	79	60	74	62	76	59	79	69
12....	81	50	68	54	80	57	80	56	79	58	86	57	81	63	79	57	80	54	76	65	79	52	80	64	79	59	80	64
13....	86	52	84	53	82	55	85	56	84	55	90	53	85	56	86	56	86	56	81	66	86	51	87	56	84	60	86	60
14....	90	55	89	56	90	63	90	56	85	57	93	54	87	56	89	56	89	58	86	67	91	50	90	56	88	60	90	60
15....	93	56	91	59	92	66	90	56	87	64	93	55	89	63	88	62	91	61	84	71	92	56	88	66	90	65	90	65
16....	94	60	89	68	92	69	90	70	88	69	92	68	80	70	82	61	92	65	83	73	90	65	86	71	90	68	90	68
17....	96	61	89	69	93	69	90	72	88	70	94	69	86	72	83	61	90	67	89	74	89	66	93	70	89	70	90	68
18....	99	65	93	58	93	73	95	68	94	68	98	65	93	69	95	62	96	67	97	75	94	64	95	67	88	69	95	72
19....	100	69	94	73	97	73	97	63	96	72	100	68	96	71	96	67	96	71	97	73	97	66	96	71	97	70	97	70
20....	95	67	92	69	95	70	96	70	92	74	90	69	94	73	93	68	96	72	88	74	98	67	92	74	98	73	98	73
21....	93	68	89	66	87	68	90	68	94	69	92	67	91	73	90	67	92	68	88	63	96	65	93	69	90	70	97	69
22....	93	67	90	60	87	69	90	69	91	72	93	65	89	69	92	64	93	71	87	65	94	68	92	67	90	72	98	74
23....	93	67	90	61	88	72	92	69	90	74	93	67</																